## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2070	420/560.cds. or 228/8,11,102,103.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/07/27 18:14
L3	41	It and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refil\$4 or refiresh\$4 or refinyagorat\$4 or restor\$4\$6 or refin\$6 or \$3fresh\$3 or \$3fresh\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or revivat\$4 or revivat\$5 or resvivat\$5 or resvivat\$5 or revivat\$6 or revivat\$6 or revivat\$6 or revivat\$6 or revivat\$6 or revivat\$7 or	US-PGPUB; USPAT; USCOR; FPRS; EFO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/07/27 18:15
L4	1549	228/256-260.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/27 18:37
S2	2	*6179935*,pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/04/24 14:11
S4	1672	(solder\$ with (bath or vat or wave or pool or reservoir or tank)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or restor\$4 or reflit\$4 or refresh\$4 or retinvigorat\$4 or restor\$4 or reflit\$4 or refresh\$4 or restor\$4 or s\$1	US-PGPUB; USADT; USADT; USCOR; FPRS; EPO; JPO; DETWIENT; IBM_TDB	NEAR	ON	2008/07/28 11:57

S7	26628	(p or phosphorus or Ge or germanium or Ga or gallium or ce or cerium) with solder\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/28 15:40
S8	330	S4 and S7	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/28 15:43
S9	0	("2006/0011709").URPN.	USPAT	NEAR	ON	2008/07/28 16:18
S10	2	10/030882.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/28 16:35
S11	2	("4634044"   "5393489").PN. OR ("6699306").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2008/07/28 16:39
S12	4	("3570721"   "6180055"   "6334570"   "6340110").PN. OR ("6474537").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2008/07/28 16:57
S13	2932	(soider\$ with (bath or vat or wave or pool or reservoir or tank or flow)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or restor\$4 or refill\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or refill\$6 or refresh\$3 or reinvigorat\$4 or restock\$4 or restock\$4 or s3freshen\$3 or \$3freshen\$3 or reviv\$4 or recondition\$4 or restitut\$4 or replac\$4 or restitut\$4 or revivi\$4 or resuchat\$6 or revivi\$6 or revivi\$6 or resuchat\$6 or revivi\$6 o	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DETWIENT; IBM_TDB	NEAR	ON	2008/07/28 18:16
S14	612	S13 and S7	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/28 18:20
S15	282	S14 not S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	NEAR	ON	2008/07/28 18:20

S16	3014	(solder\$ with (bath or vat or wave or pool or reservoir or tank or flow or jet or fountain or drag)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refili\$4 or refresh\$4 or reinvigorat\$4 or restoc\$5 or safresh\$3 or revix\$4 or recondition\$4 or restor\$4 or recondition\$4 or restitut\$4 or replac\$4 or or regenerat\$4 or revitaliz\$4 or resuscitat\$4 or revitaliz\$5 or with\$4 or resuscitat\$5 or revitaliz\$5 or revitaliz\$5 or revitaliz\$6 or resuscitat\$6 or revitaliz\$6 or revitaliz\$6 or resuscitat\$6 or revitaliz\$6 or revitaliz\$6 or revitaliz\$6 or revitaliz\$6 or revitaliz\$6 or revitalix\$6 or revitalix\$7 or tank or flow)	US-PATUB; USPAT; USPAT; USPOT; IEPO; IPO; DEFMMENT; IEM_TDB	NEAR	ON	2008/07/29 08:42
S17	26632	(p or phosphorus or Ge or germanium or Ga or gallium or ce or cerium) with solder\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 08:47
S18	619	S16 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 08:47
S19	1672	(solder\$ with (bath or vat or wave or pool or reservoir or tank) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refill\$4 or refresh\$4 or refill\$6 or refiven\$54 or restor\$84 or restitut\$4 or replac\$4 or revitaliz\$4 or revamp\$4 or revitaliz\$4 or revamp\$5 or revitaliz\$4 or revamp\$5 or revitaliz\$4) with (bath or vat or wave or pool or reservoir or tank)	US-PGPUB; USPAT; USPAT; USOOR; FPPS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 08:50
S20	330	S19 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 08:50

\$21	2932	(solder\$ with (bath or vat or wave or pool or reservoir or tank or flow) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or restor\$4 or reilu\$4 or restor\$4 or reilu\$4 or restor\$5 or restor\$4 or reilu\$4 or restor\$5 or reviv\$6 or recondition\$4 or restor\$4 or reviv\$6 or recondition\$4 or restor\$4 or reviv\$6 or recondition\$4 or restor\$4 or reviv\$6 or regenerat\$4 or reviv\$6 or resuscitat\$4 or reviv\$6 or revix\$6 or	US-PGPUB; USPAT; USOAR; FPRS; EPO; JPO; DEFWIENT; IBM_TDB	NEAR	<u>8</u>	2008/07/29 08:50
S22	612	S21 and S17	US-PCPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 08:50
S23	0	S22 not (S20 or S18)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 09:15
S24	5320	(silver or ag) with (copper or cu) with (tin or sn) with (p or Phosphorus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 10:39
S25	665	((silver or ag) with (copper or cu) with (tin or sn) with (p or Phosphorus)) and solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 10:39
S26	43	(((silver or ag) with (copper or cu) with (tin or sn) with (p or Phosphorus)) and solder).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 10:44
S27	5	("5690890"   "5817194"   "6033488"   "6319461"   "6475643").PN. OR ("7148426"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2008/07/29 10:55
S28	182	(((silver or ag) with (copper or cu) with (tin or sn) with (p or Phosphorus)) and solder).ab. not \$26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 11:05

S29	1	((MASAYUKI) near2 (OJIMA)). INV.	US-PGPUB; USPAT	NEAR	ON	2008/07/29 16:06
S30	51	((HARUO) near2 (SUZUKI)).INV.	US-PGPUB; USPAT	NEAR	ON	2008/07/29 16:07
S31	1	((HIROFUMI) near2 (NOGAMI)). NV.	US-PGPUB; USPAT	NEAR	ON	2008/07/29 16:08
S32	0	((NORI HISA) near2 (EGUOHI)). INV.	US-PGPUB; USPAT	NEAR	ON	2008/07/29 16:08
S33	9	((OSAMU) near2 (MUNEKATA)). NV.	US-PGPUB; USPAT	NEAR	ON	2008/07/29 16:09
S34	2	10/614351.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 16:11
S35	2	10/666129.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 16:12
S36	11	((MINORU) near2 (UESHIMA)). INV.	US-PGPUB; USPAT	NEAR	ON	2008/07/29 16:14
S37	1	10/866102.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/29 16:16
S38	2	"7090268".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/30 11:50
S39	1	01/03878	US-PCPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/30 13:20
S40	5	"2004066305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/07/30 13:52

S41	11	(US-2005005736-\$), did. or (US- 6893306-\$ or US-6474537-\$ or US-7282175-\$ or US-7148426-\$ or US-6475643-\$ or US-6517602- or US-7338667-\$), did. or (JP- 2002336988-\$ or JP- 2004066305-\$), did. or (KR- 201107354-\$), did.	US-PGPUB; USPAT; JPO; DERWENT	NEAR	OS	2008/07/30 13:54
S44	2	"6699306",pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 21:26
S46	5618	228/102,11,103,256- 260,33,34,36,37,40,39.cds. or 75/386.cds. or 420/590.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 21:29
S47	1704	(solder\$ with (bath or vat or wave or pool or reservoir or tank)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or restox\$4 or reriv\$5 aor innervat\$4 or restox\$4 or refils\$4 or refresh\$4 or reinvigorat\$4 or restox\$4 or restox\$4 or restox\$4 or restox\$4 or recondition\$4 or reviv\$4 or recondition\$4 or restitut\$4 or revivalt\$2 or revivalt\$4 or revivalt\$4 or revamp\$4 or revivalt\$4 or resuscitat\$4 or revivalt\$5 or resuscitat\$4 or revivalt\$5 or resuscitat\$4 or revitalt\$5 or resuscitat\$5 or revitalt\$5 or resuscitat\$5 or revitalt\$5 or resuscitat\$5 or revitalt\$5 or resuscitat\$6 or revitalt\$5 or resuscitat\$6 or revitalt\$7 or resuscitat\$6 or revitalt\$7 or resuscitat\$7 or revitalt\$7 or resuscitat\$8 or revitalt\$8 or	US-PGPUB; US-DT; US-DT; US-DC;	NEAR	ON	2009/02/05
S49	6809	((Solder\$4 or ((motten or material)) or braz\$4) with (bath or vat or wave or pool or reservoir or tank)) and ((replenish\$4 or sacharg\$3 or innervat\$4 or sacharg\$3 or innervat\$4 or restoc\$4 or sacharg\$3 or sacharg\$3 or sacharg\$3 or revivat\$4 or restoc\$4 or revivat\$4 or restoc\$4 or revivat\$4 or recondition\$4 or restor\$4 or revivat\$5 or revivat\$4 or revoaltics\$4 or revent\$5 or revivat\$6 or revivat\$5 or revivat\$5 or revivat\$6 or revivat\$6 or revivat\$6 or revivat\$6 or revivat\$7 or vave or pool or reservoir or tank)	US-PCPUB; US-PAT; US-OCR; FPPS; EPO; JPO; DEFM/BNT; IBM_TDB	NEAR	ON.	2009/02/05 21:35

S50	210	S46 and S49	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 21:35
S51	2	("4634044"   "5393489").PN. OR ("6699306").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/05 21:44
S52	4	("3570721"   "6180055"   "6334570"   "6340110").PN. OR ("6474537").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/02/05 21:52
S53	27204	(p or phosphorus or Ge or germanium or Ga or gallium or ce or cerium) with solder\$4	US-PGPUB; USPAT; USOOR; FPPS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/02/05 21:59
S54	81	S50 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/05 21:59
S55	139	S50 and (p or phosphorus or Ge or germanium or Ga or gallium or ce or cerium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/02/05 22:10
S56	19	("2397400"   "2671958"   "2824543"   "2937435"   "3000342"   "3480465"   "3570741"   "3703763"   "3733166"   "3744121").FN. OR ("3831263").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/05 22:32
S57	5618	228/102,11,103,256- 260,33,34,36,37,40,39.cds. or 75/386.cds. or 420/590.cds.	US-PGPUB; USPAT; USOOR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/06 09:00
S58	6809	((Solder\$4 or ((molten or molting) near3 (metal or material)) or braz\$4) with (bath or vat or wave or pool or reservoir or tank)) and ((replenish\$4 or renew\$4 or rejuvenat\$4 or \$\$abray\$\$3 or innervat\$4 or restor\$4 or reflix\$4 or refresh\$4 or reinvigorat\$4 or restor\$4 or restor\$4 or restor\$4 or restor\$5 or \$\$fresh\$3 or reviv\$6 or revion\$6 or restor\$6 or	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DEFWENT; IBM_TDB	NEAR	ON	2009/02/06 09:00

		with (bath or vat or wave or pool or reservoir or tank))	4			***
S59	210	S57 and S58	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/06 09:00
S60	139	S59 and (p or phosphorus or Ge or germanium or Ga or gallium or ce or cerium)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/02/06 09:00
S61	71	S59 not S60	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/06 09:00
S62	2	("3935003").PN. OR ("4707333"). URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/02/06 09:12
S63	6	S58 and 75/384.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWBNT; IBM_TDB	ADJ	ON	2009/02/06 09:57
S64	128	((Solder\$4 or ((molten or molting) near3 (metal or material)) or braz\$4) with (bath or vat or wave or pool or reservoir or tank)) and ((replenish\$4 or renew\$4 or regivenat\$4 or restor\$4 or refill\$4 or restor\$4 or refill\$6 or restor\$4 or refill\$6 or restor\$4 or refill\$6 or restor\$4 or refill\$6 or restor\$4 or restor\$5 or restor\$6 or germanium or Ga or gallium or ce or cerium)	FPRS, EPO; JPO; DEFWENT; IBM_TDB	NEAR	ON	2009/02/06
S65	128	S64 not (S59 or S60)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	ADJ	ON	2009/02/06 11:01

S66	2	10/030882.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/06 12:25
S67	34872	(replenish\$4 or renew\$4 or rejuvenat\$4 or trang\$3 or re \$1 charg\$5 or re \$1 charg\$5 or re \$1 charg\$6 or re reiniv\$6 or resondition\$4 or resondition\$4 or resondition\$4 or regenerat\$4 or revitaliz\$4 or revamp\$6 or revivi\$4 or recination\$6 or reiniv\$6 or reinition\$6 or	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/06 14:25
S68	39	S67 and (S57 or 75/384.cds.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/06 14:27
S69	196	420/560.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/02/09 11:16
S70	1	SS9 and (((Solder\$4 or ((molten or molting) near3 (metal or material)) or braz\$4) with (bath or vat or wave or pool or reservoir or tank)) and ((replenish\$4 or renew\$4 or rerjuvenat\$4 or *s3charg\$3 or innervat\$4 or restor\$4 or refinish\$6 or *effresh\$4 or reinvigorat\$4 or restock\$4 or reinvigorat\$4 or recondition\$6 or restirut\$4 or rerplac\$4 or revivigorat\$4 or revivigorat\$4 or revivigorat\$4 or restor\$6 or restor\$6 or restor\$6 or restor\$6 or revivigorat\$4 or restor\$6 or restor\$6 or revivis\$6 or restor\$6 or revivis\$6 or restor\$6 or revivis\$6 or restor\$6 or revivis\$6 or vat or wave or pool or reservoir or tank))	US-PGPUB; USPAT; USOOR; PPPS; EPO; JPO; DEFWENT; IBM_TDB	NEAR	ON	2009/02/09

S71	1	SS9 and ((replenish\$4 or renew \$4 or rejuvenat\$4 or \$3charg\$3 or innervat\$4 or restor\$4 or refill \$4 or refresh\$4 or restor\$4 or refill \$6 or refresh\$5 or reinvigor3\$4 or sestor\$4 or sator\$4 or sestor\$4 or sestor\$4 or setor\$4 or restor\$6 or restor\$4 or rereandition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revitaliz\$4 or revitaliz\$4 or revitaliz\$4 or revitaliz\$4 or revent\$5 or revent\$5 or revent\$6 or revitaliz\$4) with (bath or vat or wave or pool or reservoir or tank))	US-PGPUB; USPAT; USOOR; FFRS; EPO; IPO; DERWENT; IBM_TDB	NEAR	ON	2009/02/09 11:19
S72	1	Se9 and ((replenish\$4 or renew \$4 or rejuvenat\$4 or charg\$3 or re\$1 charg\$4 or innervat\$4 or restor\$4 or refili\$4 or refresh\$4 or reinvigorat\$4 or restock\$4 or \$3freshen\$3 or \$3fresh\$3 or reviv\$4 or reonition\$4 or restitut\$4 or replac\$4 or regenerat\$4 or revivi\$54 or revamp\$4 or revivi\$54 or resuscitat\$4) with (oxidiz\$4 or de \$1 oxidiz\$4 or scavenger\$4 or (suppress\$4 near\$ element))	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/09
S73	5	S99 and ((replenish\$4 or renew \$4 or rejuvenat\$4 or charg\$3 or rest charg\$4 or innervat\$4 or rest scharg\$4 or refili\$4 or refresh\$4 or refili\$4 or refresh\$5 or restock\$4 or restock\$4 or restock\$4 or restock\$4 or restock\$4 or restitut\$4 or replac\$4 or revist\$4 or revist\$4 or revist\$4 or revist\$6 or revist\$6 or revist\$6 or revist\$6 or revist\$6 or revist\$6 or restock\$1 or revist\$6 or restock\$1 or revist\$6 or revisit\$6 or revisit\$6 or revisit\$6 or revisit\$6 or restock\$1 or germanium or \$6 or germanium or \$	US-PGPUB; USPAT; USPAT; USPAT; EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/02/09
S74	27	228/56.1,56.2.cds. and ((solder \$ or molten or molting or melts3 or brazs4) with (bath or vat or wave or pool or reservoir or tank or flow)) and ((replenish84 or renew\$4 or rejuvenat\$4 or resetor\$4 or reilu\$4 or refresh\$4 or reinvigorat\$4 or restor\$5 or inervat\$6 or reinvigorat\$4 or restor\$3 or safresh\$3 or reviv\$4 or recondition\$4 or restor\$4 or revivigorat\$4 or restor\$6 or resetor\$6 or recentificts\$6 or revivit\$6 or resetor\$7 or resetor\$7 or revivit\$7 or revivit\$1 or rath or llow)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/02/12

<b>S</b> 75	133	75/386.cds.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 09:59
S76	2	("4634044"   "5393489").PN. OR ("6699306").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/22 10:08
S77	3	S75 and (solder\$4 or braz\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/22 10:23

## 7/27/2009 6:53:16 PM

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